



WASHOE COUNTY
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CM/ACM _____
Comptroller DN
DA NA
Risk Mgmt NA
HR NA

STAFF REPORT
BOARD MEETING DATE: December 9, 2014

DATE: November 14, 2014
TO: Board of County Commissioners
FROM: Chris Benedict, Remediation District Program Manager
Community Services Department, 954-4642, cbenedict@washoecounty.us
THROUGH: Dwayne Smith, P.E., Division Director, Engineering and Capital Projects
Community Services Department, 328-2043, desmith@washoecounty.us

Mike Sullens, Purchasing and Contracts Manager
328-2281, email: msullens@washoecounty.us
SUBJECT: Award of Bid No. 2914-15 for five (5) replacement variable frequency drives to the lowest, responsive, responsible bidder, Grove Madsen Industries, 390 East 6th Street, Reno, NV 89512, in the net amount of \$152,781.00, on behalf of the Central Truckee Meadows Remediation District Program.

SUMMARY

Prior to the 2014 Pumping Season, the Central Truckee Meadows Remediation District (CTMRD) Program completed a review of the County's tetrachloroethene (PCE) treatment facilities. Through this process, and in conversation with Truckee Meadows Water Authority (TMWA) staff that operate the facilities, it was determined that the five (5) variable frequency drives (VFDs) at these facilities are reaching the end of their service life and need to be replaced.

This staff report seeks the award of Bid No. 2914-15 for five replacement VFDs to the lowest, responsive, responsible bidder, Grove Madsen Industries, 390 East 6th Street, Reno, NV 89512, in the net amount of \$152,781.00, on behalf of the Central Truckee Meadows Remediation District Program.

The funds requested in this staff report are not related to the merger of Washoe County Water Resources with TMWA. In accordance with NRS 540A, the Central Truckee Meadows Remediation District Program will remain with and be administered by Washoe County after the water utility merger.

Washoe County Strategic Objective supported by this item: Safe, secure and healthy communities.

PREVIOUS ACTION

In 2000, the Board of County Commissioners (Board) approved a formal request for reimbursement of costs associated with identifying, studying, and remediating the PCE contamination in five municipal wells, and transferring ownership of three PCE treatment facilities from Sierra Pacific Power Company (SPPCo) to the County and the management of these facilities to the CTMRD Program. The Board also approved an associated agreement (the "Pumping Plan Agreement") that defined the collaborative relationship with TMWA for Pumping Plan implementation, along with the terms and conditions for ownership, operation and maintenance, and for reimbursement of certain expenses incurred while operating the PCE treatment equipment for attaining remedial benefit. In 2009, the Board approved an amendment to the Pumping Plan Agreement that modified the pumping schedule for the impacted wells.

Since the transfer of ownership of the PCE treatment facilities, they have operated without significant intervention, maintenance, or rehabilitation. As such, this is the first Board action relating directly to the maintenance and rehabilitation of these facilities.

BACKGROUND

Several municipal water supply wells in the central Truckee Meadows have been impacted by PCE contamination. Between 1992 and 1995 the PCE concentrations in five of these wells (owned at the time by SPPCo [now TMWA]) were identified to be above the maximum contaminant level (MCL) requiring these wells to be taken off-line and fitted with PCE treatment equipment to maintain their viability. Three treatment facilities were constructed: the Morrill Avenue facility in 1995 and the Mill Street and Kietzke Lane facilities in 1997. The treatment facilities use packed tower aeration (PTA) systems to remove PCE from groundwater. Following treatment, the water is held in a clear well and pumped into the TMWA distribution system as demand dictates. VFDs adjust the speed of the distribution pumps to control the water level in the clear well.

Prior to the 2014 pumping season, a review of the treatment system and discussions with TMWA staff indicated that the VFDs in these systems are reaching the end of their service life. Like other electronics, as these drives age, they can become unserviceable and represent a potential liability. The drives are malfunctioning more frequently, and replacement parts are becoming more expensive and difficult or impossible to obtain. As a result, in the event of drive-malfunctions, the treatment system must be taken off-line, and the associated wells become unavailable for use for potentially-extended durations. Based on these circumstances, it was decided that the VFDs at each treatment facility need to be replaced prior to the 2015 pumping season to ensure water system reliability.

The Invitation to Bid was duly advertised in the Reno Gazette Journal and through the online services of www.demandstar.com resulting in the receipt of three bids in good order and two bids disqualified due to incomplete bid responses.

Grove Madsen Industries
390 East 6th Street
Reno, NV 89512

\$152,781.00

Intec Solutions 27 Glen Carran Circle Sparks, NV 89431	\$198,418.00
Motion Industries 6180 N. Hollywood #110 Las Vegas, NV 89115	\$199,758.00 Disqualified – Incomplete bid response
Wedco 450 Toano Street Reno, NV 89512	\$228,604.50
Automation Technology Inc 6980 W. Warm Springs, Suite 160 Las Vegas, NV 89115	\$232,223.00 Disqualified – Incomplete Bid Response

This Invitation to Bid process resulted in an approximate 25% savings over the average of the bid responses.

FISCAL IMPACT

Budget authority for this expenditure is available in Central Truckee Meadows Remediation District (Fund 266) FY14/15 budget. Funding is available in cost center 206102. Account assignment for the \$152,781.00 purchase order is 711501.

Revenues in support of this effort are provided from Remediation Fees imposed on wholesale and resale TMWA and Washoe County water customers receiving benefits from the CTMRD Program and imposed by statute and ordinance on their respective general tax bills.

RECOMMENDATION

It is recommended that the Board of County Commissioners award Bid No. 2914-15 for five replacement VFDs to the lowest, responsive, responsible bidder, Grove Madsen Industries, 390 East 6th Street, Reno, NV 89512, in the net amount of \$152,781.00, on behalf of the Central Truckee Meadows Remediation District Program.

POSSIBLE MOTION

Should the Board agree with staff's recommendation, a possible motion would be: "Move to award Bid No. 2914-15 for five replacement VFDs to the lowest, responsive, responsible bidder, Grove Madsen Industries, 390 East 6th Street, Reno, NV 89512, in the net amount of \$152,781.00, on behalf of the Central Truckee Meadows Remediation District Programs."